## 5 WHAT IS CLAIMED IS:

1. A method for alleviating pain in a patient suffering from chronic pain comprising administering to said patient an analysesic effective amount of a compound of the formula:

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$$R-NH = C-CNH = C-R_1$$

$$O R_3$$

$$O R_3$$

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wherein

R is hydrogen, lower alkyl, lower alkenyl, lower alkynyl, aryl, aryl lower alkyl, heterocyclic, heterocyclic lower alkyl, lower alkyl heterocyclic, lower cycloalkyl, lower cycloalkyl lower alkyl, and R is unsubstituted or is substituted with at least one electron withdrawing group or electron donating group;

R<sub>1</sub> is hydrogen or lower alkyl, lower alkenyl, lower alkynyl, aryl lower alkyl, aryl, heterocyclic lower alkyl, heterocyclic, lower alkyl heterocyclic, lower cycloalkyl, lower, cycloalkyl lower alkyl, each unsubstituted or substituted with an electron donating group or an electron withdrawing group; and

 $R_2$  and  $R_3$  are independently hydrogen, lower alkyl, lower alkenyl, lower alkynyl, aryl lower alkyl, halo, heterocyclic, heterocyclic lower alkyl, lower alkyl heterocyclic, lower cycloalkyl, lower cycloalkyl lower alkyl, or Z-Y wherein  $R_2$  and  $R_3$  may be unsubstituted or substituted with at least one electron

withdrawing group or electron donating group wherein the electron donating group or electron withdrawing group is acyclic; and wherein heterocyclic in  $R_2$  and  $R_3$  is furyl, thienyl, pyrazolyl, pyrrolyl, imidazolyl, indolyl, thiazolyl, oxazolyl, isothiazolyl, isoxazolyl,

piperidyl, pyrrolinyl, piperazinyl, quinolyl, triazolyl, tetrazolyl, isoquinolyl, benzofuryl, benzothienyl, morpholinyl, benzoxazolyl, tetrahydrofuryl, pyranyl, indazolyl, purinyl, indolinyl, pyrazolindinyl, imidazolinyl, imidazolindinyl, pyrrolidinyl, furazanyl, N-methylindolyl, methylfuryl, pyridazinyl, pyrimidinyl, pyrazinyl, epoxy, aziridino, oxetanyl or azetidinyl;

Z is O, S, S(O)<sub>a</sub>,  $NR_6$ ', or  $PR_4$ ;

Y is hydrogen, lower alkyl, aryl, aryl lower alkyl, lower alkenyl, lower alkynyl, heterocyclic, heterocyclic lower alkyl, and Y may be unsubstituted or substituted with an electron donating group or an electron withdrawing group, or

 $\label{eq:control_control_control_control} ZY \ taken \ together \ is \ NR_4NR_5R_7, \ NR_4OR_5, \ ONR_4R_7, \\ OPR_4R_5, \ PR_4OR_5, \ SNR_4R_7, \ NR_4SR_7, \ SPR_4R_5, \ PR_4SR_7, \ NR_4PR_5R_6 \ or \\ PR_4NR_5R_7, \\$ 

$$NR_4C-R_5$$
,  $SCR_5$ ,  $NR_4C-OR_5$ ,  $SC-OR_5$ ;

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 $R_6{}^{{}_{\! '}}$  is hydrogen, lower alkyl, lower alkenyl, or lower alkynyl and  $R_4{}$  may be unsubstituted or substituted with an electron withdrawing group or electron donating group;

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 $R_4$ ,  $R_5$  and  $R_6$  are independently hydrogen, lower alkyl, aryl, aryl lower alkyl, lower alkenyl, or lower

5	alkynyl, wherein $R_4$ , $R_5$ and $R_6$ may be unsubstituted or
	substituted with an electron withdrawing group or an
	electron donating group; and
	R <sub>7</sub> is COOR <sub>8</sub> , COR <sub>8</sub> , hydrogen, lower alkyl, aryl,
	aryl lower alkyl, lower alkenyl or lower alkynyl, which
10	$\mathrm{R}_{\scriptscriptstyle{7}}$ may be unsubstituted or substituted with an electron
	withdrawing group or electron donating group;
	${\tt R_8}$ is hydrogen or lower alkyl, or aryl lower
	alkyl, and the aryl or alkyl group may be unsubstituted
	or substituted with an electron withdrawing group or an
15	electron donating group; and
	n is 1-4; and
	a is 1-3.
	2. The method according to Claim 1 wherein
	one of $R_2$ and $R_3$ is hydrogen.
20	3. The method according to Claim 1 wherein n
	is 1.
	4. The method according to Claim 1 wherein
	one of $R_2$ and $R_3$ is hydrogen and n is 1.
	5. The method according to Claim 1 wherein R
25	is aryl lower alkyl and $R_1$ is lower alkyl.
	6. The method according to Claim 1
	wherein
	$R_2$ and $R_3$ are independently hydrogen, lower
	alkyl, heterocyclic, heterocyclic loweralkyl, or ZY;
30	Z is O, NR <sub>4</sub> or PR <sub>4</sub> ;
	Y is hydrogen or lower alkyl; or
	ZY is $NR_5R_6R_7$ , $NR_5OR_6$ , $ONR_5R_7$ , $NR_5C-R_6$ or $NR_5C-OR_6$ .
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The method according to Claim 6 wherein

 $R_2$  is hydrogen and  $R_3$  is hydrogen, lower alkyl, heterocyclic, heterocyclic loweralkyl or ZY;  $Z \text{ is O, NR}_4 \text{ or } PR_4;$ 

Y is hydrogen, lower alkyl;or

ZY is  $NR_5NR_6R_7$ ,  $NR_5OR_6$ ,  $ONR_5R_7$ ,  $NR_5C-R_6$  or  $NR_5C-OR_6$ .

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8. The method according to Claim 6 wherein

 $\rm R_2$  is hydrogen and  $\rm R_3$  is lower alkyl, which may be unsubstituted or substituted with an electron donating or electron withdrawing group,  $\rm NR_4OR_5$ , or  $\rm ONR_4R_7$ .

- 9. The method according to Claim 8 wherein  $R_3$  is lower alkyl which is unsubstituted or substituted with hydroxy or loweralkoxy,  $NR_4OR_6$  or  $ONR_4R_7$ , wherein  $R_4$ ,  $R_5$  and  $R_7$  are independently hydrogen or lower alkyl, R is aryl loweralkyl, which aryl group may be unsubstituted or substituted with an electron withdrawing group and  $R_1$  is lower alkyl.
- 10. The method according to Claim 9 wherein aryl is phenyl.
- 30 11. The method according to claim 6 wherein one of  $R_2$  and  $R_3$  is heterocyclic.
  - 12. The method according to Claim 11 wherein heterocyclic is heteroaromatic.
  - 13. The method according to Claim 11 wherein  $R_3$  is furyl, pyridyl, thienyl or thiazolyl.
    - 14. The method according to Claim 9 wherein aryl is phenyl and is unsubstituted or substituted with halo.

5	15. The method according to Claim 1 wherein
	the compound is
	(R)-N-Benzyl-2-acetamide-3-methoxy-
	propionamide;
	O-methyl-N-acetyl-D-serine-m-
10	fluorobenzylamide;
	O-methyl-N-acetyl-D-serine-p-
	fluorobenzylamide;
	N-acetyl-D-phenylglycinebenzylamide;
	D-1,2-(N, O-dimethylhydroxylamino)-2-acetamide
15	acetic acid benzylamide;
	D-1,2-(O-methylhydroxylamino)-2-acetamido
	acetic acid benzylamide.
	16. The method according to Claim 1 wherein
	the pain is neuropathic pain.
20	17. The method according to Claim 6 wherein
	the pain is neuropathic pain.
	18. The method according to Claim 1 wherein
	the pain is nociceptive pain.
	19. The method according to Claim 6 wherein
25	the pain is nociceptive pain.
	20. A method for the prophylaxis or treatment
	of migraine headaches in a subject, comprising
	administering to said patient a headache relieving
	effective amount of a compound of the formula:
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10 wherein

R is hydrogen, lower alkyl, lower alkenyl, lower alkynyl, aryl, aryl lower alkyl, heterocyclic, heterocyclic lower alkyl, lower alkyl heterocyclic, lower cycloalkyl, lower cycloalkyl lower alkyl, and R is unsubstituted or is substituted with at least one electron withdrawing group or electron donating group;

R<sub>1</sub> is hydrogen or lower alkyl, lower alkenyl, lower alkynyl, aryl lower alkyl, aryl, heterocyclic lower alkyl, heterocyclic, lower alkyl heterocyclic, lower cycloalkyl, lower cycloalkyl lower alkyl, each unsubstituted or substituted with an electron donating group or an electron withdrawing group; and

 $R_2$  and  $R_3$  are independently hydrogen, lower alkyl, lower alkenyl, lower alkynyl, aryl lower alkyl, aryl, halo, heterocyclic, heterocyclic lower alkyl, lower alkyl heterocyclic, lower alkyl heterocyclic lower cycloalkyl, lower cycloalkyl lower alkyl, or Z-Y wherein  $R_2$  and  $R_3$  may be unsubstituted or substituted with at least one electron withdrawing group or electron donating group;

Z is O, S, S(O),  $NR_4$ , or  $PR_4$ ;

Y is hydrogen, lower alkyl, aryl, aryl lower alkyl, lower alkenyl, lower alkynyl, heterocyclic, heterocyclic lower alkyl, and Y may be unsubstituted or

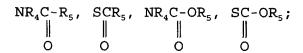
substituted with an electron donating group or an electron withdrawing group, or

 $\label{eq:control_c$ 

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 $R_4$ ,  $R_5$  and  $R_6$  are independently hydrogen, lower alkyl, aryl, aryl lower alkyl, lower alkenyl, or lower alkynyl, wherein  $R_4$ ,  $R_5$  and  $R_6$  may be unsubstituted or substituted with an electron withdrawing group or an electron donating group; and

 $R_7$  is  $COOR_8$  or  $COR_8$ , hydrogen, lower alkyl, aryl, aryl lower alkyl, lower alkenyl or lower alkynyl, which  $R_7$  may be unsubstituted or substituted with an electron withdrawing group or electron donating group;

 $R_8$  is hydrogen or lower alkyl, or aryl lower alkyl, and the aryl or alkyl group may be unsubstituted or substituted with an electron withdrawing group or an electron donating group; and

n is 1-4; a is 1-3;

30 wherein

heterocyclic contains from 3 up to 18 ring atoms and up to a total of 17 ring carbon atoms containing 1 to 4 hetero ring atoms selected from the group consisting of nitrogen, oxygen and sulfur.

35 21. The method according to Claim 20 wherein one of  $R_2$  and  $R_3$  is hydrogen.

22. The method according to Claim 20 wherein
n is 1.
23. The method according to Claim 20 wherein
one of $R_2$ and $R_3$ is hydrogen and n is 1.
24. The method according to Claim 20 wherein
R is aryl lower alkyl and $R_1$ is lower alkyl.
25. The method according to Claim 20 wherein
$R_2$ and $R_3$ are independently hydrogen, lower alkyl, aryl,
aryllower alkyl, heterocyclic, heterocyclic loweralkyl
or ZY;
Z is O, NR <sub>4</sub> or PR <sub>4</sub> ;
Y is hydrogen, lower alkyl, aryl, aryl
loweralkyl, heterocyclic or heterocyclic lower alkyl; or
ZY taken together is NR <sub>4</sub> NR <sub>5</sub> R <sub>7</sub> , NR <sub>4</sub> OR <sub>5</sub> , ONR <sub>4</sub> R <sub>7</sub> ,
$NR_4C-R_5$ , or $NR_4C-OR_5$ ; and
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$R_4$ , $R_5$ and $R_7$ are independently hydrogen, lower
alkyl, aryl or aryl lower alkyl.
26. The method according to Claim 25 wherein
$R_2$ is hydrogen and $R_3$ is lower alkyl, aryl, aryllower
alkyl, heterocyclic or heterocyclic lower alkyl, or ZY;
Z is O, NR <sub>4</sub> or PR <sub>4</sub> ;
Y is hydrogen, lower alkyl, aryl, aryl
loweralkyl, heterocyclic or heterocyclic lower alkyl; or

 $NR_4C-R_5$ , or  $NR_4C-OR_5$ ; and  $\parallel$  0

ZY taken together is  $NR_4R_5R_7$ ,  $NR_4OR_5$ ,  $ONR_4R_7$ ,

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- $R_4$ ,  $R_5$  and  $R_7$  are independently hydrogen, lower alkyl, aryl or aryl lower alkyl.
- 27. The method according to Claim 26 wherein  $R_2 \text{ is hydrogen and } R_3 \text{ is lower alkyl, which may}$  be unsubstituted or substituted with an electron donating or electron withdrawing group,  $NR_5OR_6$ , or  $ONR_5R_7$ .
  - 28. The method according to Claim 26 wherein  $R_3$  is lower alkyl which is unsubstituted or substituted with hydroxy or loweralkoxy,  $NR_4OR_5$  or  $ONR_4R_7$ , wherein  $R_4$ ,  $R_5$  and  $R_7$  are independently hydrogen or lower alkyl, R is aryl loweralkyl, which aryl group may be unsubstituted or substituted with an electron withdrawing group and  $R_1$  is lower alkyl.
- 20 29. The method according to Claim 26 wherein  $R_3$  is heterocyclic.
  - 30. The method according to Claim 29 wherein heterocyclic is heteroaromatic.
  - 31. The method according to Claim 30 wherein  $R_3$  is furyl, pyridyl, thienyl or thiazolyl.
  - 32. The method according to Claim 28 wherein aryl is phenyl.
  - 33. The method according to Claim 28 wherein aryl is phenyl and is unsubstituted or substituted with halo.
    - 34. The method according to Claim 20 wherein the compound is
    - (R)-N-Benzyl-2-acetamide-3-methoxypropionamide;

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5 O-methyl-N-acetyl-D-serine-mfluorobenzylamide;

O-methyl-N-acetyl-D-serine-p-fluorobenzylamide;

N-acetyl-D-phenylglycinebenzylamide;

10 D-1,2-(N, O-dimethylhydroxylamino)-2-acetamide acetic acid benzylamide; or

D-1,2-(O-methylhydroxylamino)-2-acetamido acetic acid benzylamide.

35. A method of treating a patient suffering from bipolar disease comprising administering thereto a therapeutically effective amount of a compound for treating bipolar disease, said compound having the formula:

$$R - NH - \begin{bmatrix} & & & \\ & & \\ & & \\ & & \end{bmatrix} C - CNH - \begin{bmatrix} & & \\ & &$$

wherein

25 R is hydrogen, lower alkyl, lower alkenyl, lower alkynyl, aryl, aryl lower alkyl, heterocyclic, heterocyclic lower alkyl, lower alkyl heterocyclic, lower cycloalkyl, lower cycloalkyl lower alkyl, and R is unsubstituted or is substituted with at least one electron withdrawing group or electron donating group;

R<sub>1</sub> is hydrogen or lower alkyl, lower alkenyl, lower alkynyl, aryl lower alkyl, aryl, heterocyclic lower alkyl, heterocyclic, lower alkyl heterocyclic, lower cycloalkyl, lower cycloalkyl lower alkyl, each

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unsubstituted or substituted with an electron donating group or an electron withdrawing group; and

 $R_2$  and  $R_3$  are independently hydrogen, lower alkyl, lower alkenyl, lower alkynyl, aryl lower alkyl, aryl, halo, heterocyclic, heterocyclic lower alkyl, lower alkyl heterocyclic, lower cycloalkyl, lower cycloalkyl lower alkyl, or Z-Y wherein  $R_2$  and  $R_3$  may be unsubstituted or substituted with at least one electron withdrawing group or electron donating group;

Z is O, S, S(O)<sub>a</sub>,  $NR_4$ , or  $PR_4$ ;

Y is hydrogen, lower alkyl, aryl, aryl lower alkyl, lower alkenyl, lower alkynyl, heterocyclic, heterocyclic lower alkyl, and Y may be unsubstituted or substituted with an electron donating group or an electron withdrawing group, or

 $\label{eq:ZY taken together is NR4NR5R7, NR4OR5, ONR4R7, OPR4R5, PR4OR5, SNR4R7, NR4SR7, SPR4R5 or PR4SR7, NR4PR5R6 or PR4NR5R7, \\$ 

$$NR_4C-R_5$$
,  $SCR_5$ ,  $NR_4C-OR_5$ ,  $SC-OR_5$ ;

 $R_4$ ,  $R_5$  and  $R_6$  are independently hydrogen, lower alkyl, aryl, aryl lower alkyl, lower alkenyl, or lower alkynyl, wherein  $R_4$ ,  $R_5$  and  $R_6$  may be unsubstituted or substituted with an electron withdrawing group or an electron donating group; and

 $R_7$  is  $COOR_8$ ,  $COR_8$ , hydrogen, lower alkyl, aryl, aryl lower alkyl, lower alkenyl or lower alkynyl wherein  $R_7$  may be unsubstituted or substituted with an electron withdrawing group or electron donating group;

5	$R_8$ is hydrogen or lower alkyl, or aryl lower
	alkyl, and the aryl or alkyl group may be unsubstituted
	or substituted with an electron withdrawing group or an
	electron donating group; and
	n is 1-4; and
10	a is 1-3.
	36. The method according to Claim 35 wherein
	one of $R_2$ and $R_3$ is hydrogen.
	37. The method according to Claim 35 wherein
	n is 1.
15	38. The method according to Claim 35 wherein
	one of $R_2$ and $R_3$ is hydrogen and n is 1.
	39. The method according to Claim 35 wherein
	R is aryl lower alkyl and $R_1$ is lower alkyl.
	40. The method according to Claim 35 wherein
20	$R_{\scriptscriptstyle 2}$ and $R_{\scriptscriptstyle 3}$ are independently lower alkyl, aryl, aryllower
	alkyl, heterocyclic, heterocyclic lower alkyl, or ZY;
	Z is O, $NR_4$ or $PR_4$ ;
	Y is hydrogen, lower alkyl, aryl, aryl
0.5	loweralkyl, heterocyclic or heterocyclic lower alkyl; or
25	ZY taken together is NR <sub>4</sub> NR <sub>5</sub> R <sub>7</sub> , NR <sub>4</sub> OR <sub>5</sub> , ONR <sub>4</sub> R <sub>7</sub> ,
	$NR_4C-R_5$ , or $NR_4C-OR_5$ ; and
	0 0
30	$R_4$ , $R_5$ and $R_7$ are independently hydrogen, lower
	alkyl, aryl or aryl lower alkyl.
	41. The method according to Claim 40 wherein
	$R_2$ is hydrogen and $R_3$ is lower alkyl, aryl, aryllower
	alkyl, heterocyclic, heterocyclic lower alkyl or ZY;

Z is O, NR<sub>4</sub> or PR<sub>4</sub>;

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5		Y is hydrogen, lower alkyl, aryl, aryl	
	loweralky	, heterocyclic or heterocyclic lower alkyl; o	r
		ZY taken together is $NR_4NR_5R_7$ , $NR_4OR_5$ , $ONR_4R_7$ ,	
	$NR_4C-R_5$ , o	NR <sub>4</sub> C-OR <sub>5</sub> ; and	
10	0	0	

- $\rm R_4,\ R_5$  and  $\rm R_7$  are independently hydrogen, lower alkyl, aryl or aryl lower alkyl.
- 42. The method according to Claim 41 wherein  $R_2 \ \text{is hydrogen and} \ R_3 \ \text{is lower alkyl, which may}$  be unsubstituted or substituted with an electron donating or electron withdrawing group,  $NR_4OR_5$ , or  $ONR_4R_7$ .
- $R_3$  is lower alkyl which is unsubstituted or substituted with hydroxy or loweralkoxy,  $NR_4OR_5$  or  $ONR_4R_7$ , wherein  $R_4$ ,  $R_5$  and  $R_7$  are independently hydrogen or lower alkyl, R is aryl loweralkyl, which aryl group may be unsubstituted or substituted with an electron withdrawing group and  $R_1$  is lower alkyl.
- 44. The method according to Claim 41 wherein  $R_3$  is heterocyclic.
- 45. The method according to Claim 44 wherein heterocyclic is heteroaromatic.
- 46. The method according to Claim 45 wherein  $R_3$  is furyl, pyridyl, thienyl or thiazolyl.
  - 47. The method according to Claim 43 wherein aryl is phenyl.
  - 48. The method according to Claim 43 wherein aryl is phenyl and is unsubstituted or substituted with halo.

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49. The method according to Claim 35 wherein the compound is (R)-N-Benzyl-2-acetamide-3-methoxy-propionamide;

O-methyl-N-acetyl-D-serine-m-

fluorobenzylamide;

O-methyl-N-acetyl-D-serine-p-

fluorobenzylamide;

N-acetyl-D-phenylglycinebenzylamide;

D-1,2-(N, O-dimethylhydroxylamino)-2-acetamide acetic acid benzylamide;

D-1,2-(O-methylhydroxylamino)-2-acetamido acetic acid benzylamide.

50. A method for treating a disorder in a mammal resulting from abnormal activity at the glycine, site of the NMDA receptor in neurons of said mammal comprising administering to said mammal a therapeutically effective amount of a compound to interact with the glycine, site of the NMDA receptor, said compound having the formula:

 $R - NH - C - CNH - C - R_1$ 

## 5 wherein

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R is hydrogen, lower alkyl, lower alkenyl, lower alkynyl, aryl, aryl lower alkyl, heterocyclic, heterocyclic lower alkyl, lower alkyl heterocyclic, lower cycloalkyl, lower cycloalkyl lower alkyl, and R is unsubstituted or is substituted with at least one electron withdrawing group or electron donating group;

R, is hydrogen or lower alkyl, lower alkenyl,

lower alkynyl, aryl lower alkyl, aryl, heterocyclic lower alkyl, heterocyclic, lower alkyl heterocyclic, lower cycloalkyl, lower cycloalkyl lower alkyl, each unsubstituted or substituted with an electron donating group or an electron withdrawing group; and

 $R_2$  and  $R_3$  are independently hydrogen, lower alkyl, lower alkenyl, lower alkynyl, aryl lower alkyl, aryl, halo, heterocyclic, heterocyclic lower alkyl, lower alkyl heterocyclic, lower cycloalkyl, lower cycloalkyl lower alkyl, or Z-Y wherein  $R_2$  and  $R_3$  may be unsubstituted or substituted with at least one electron withdrawing group or electron donating group;

Z is O, S, S(O)<sub>a</sub>,  $NR_4$ , or  $PR_4$ ;

Y is hydrogen, lower alkyl, aryl, aryl lower alkyl, lower alkenyl, lower alkynyl, heterocyclic, heterocyclic lower alkyl, and Y may be unsubstituted or substituted with an electron donating group or an electron withdrawing group, or

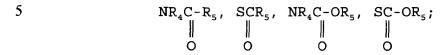
 $\label{eq:ZY taken together is $NR_4NR_5R_7$, $NR_4OR_5$, $ONR_4R_7$, $OPR_4R_5$, $PR_4OR_5$, $SNR_4R_7$, $NR_4SR_7$, $SPR_4R_5$ or $PR_4SR_7$, $NR_4PR_5R_6$ or $PR_4NR_5R_7$,$ 

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 $R_4$ ,  $R_5$  and  $R_6$  are independently hydrogen, lower alkyl, aryl, aryl lower alkyl, lower alkenyl, or lower alkynyl, wherein  $R_4$ ,  $R_5$  and  $R_6$  may be unsubstituted or substituted with an electron withdrawing group or an electron donating group; and

 $R_7$  is  $COOR_8$  or  $COR_8$ , hydrogen, lower alkyl, aryl, aryl lower alkyl, lower alkenyl or lower alkynyl, which  $R_7$  may be unsubstituted or substituted with an electron withdrawing group or electron donating group;

 $R_{\text{8}}$  is hydrogen or lower alkyl, or aryl lower alkyl, and the aryl or alkyl group may be unsubstituted or substituted with an electron withdrawing group or an electron donating group; and

n is 1-4; and a is 1-3.

51. The method according to Claim 1 wherein the electron withdrawing group and electron donating group are selected from the group consisting of halo, nitro, carboxy, lower alkenyl, lower alkynyl, formyl, carboxyamido, trifluoromethyl, lower alkoxy carbonyl, hydroxy, lower alkoxy, lower alkyl, amino, lower alkylamino, diloweralkylamino, mercapto, loweralkylthio, and lower alkyldithio.

52. The method according to Claim 20 wherein the electron withdrawing group and electron donating group are selected from the group consisting of halo, nitro, carboxy, loweralkoxy carbonyl, lower alkenyl, lower alkynyl, formyl, aryl, arylloweralkanoyl,

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- 5 carboxyamido, hydroxy, loweralkoxy, lower alkyl, amino, lower alkylamino, diloweralkylamino, aryl, aryl lower alkanoyl, trifluoromethyl, aryloxy, lower alkylthio, mercapto, and lower alkyldithio.
- the electron withdrawing group and electron donating group are selected from the group consisting of halo, nitro, carboxy, loweralkoxy carbonyl, lower alkenyl, lower alkynyl, formyl, aryl, arylloweralkanoyl, carboxyamido, hydroxy, loweralkoxy, lower alkyl, amino, lower alkylamino, diloweralkylamino, aryl, aryl lower alkanoyl, trifluoromethyl, aryloxy, lower alkylthio, mercapto, and lower alkyldithio.
  - 54. The method according to Claim 50 wherein the electron withdrawing group and electron donating group are selected from the group consisting of halo, nitro, carboxy, lower alkenyl, lower alkynyl, formyl, carboxyamido, trifluoromethyl, lower alkoxy carbonyl, hydroxy, lower alkoxy, lower alkyl, amino, lower alkylamino, diloweralkylamino, mercapto, loweralkylthio, and lower alkyldithio.
  - 55. The method according to Claim 1 wherein the carbon atom which is substituted by  $R_2$  and  $R_3$  is in the D configuration.
  - 56. The method according to Claim 20 wherein the carbon atom which is substituted by  $R_2$  and  $R_3$  is in the D configuration.
    - 57. The method according to Claim 35 wherein the carbon atom which is substituted by  $R_2$  and  $R_3$  is in the D configuration.

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Ar - 
$$CH_2$$
 -  $N$  -  $C$  -  $C$  -  $C$  -  $CH_3$ 

wherein

Ar is aryl which is unsubstituted or substituted with an electron donating or electron withdrawing group, and

Q is loweralkoxy.

- 59. The method according to Claim 56 wherein Ar is unsubstituted aryl or aryl substituted with halo.
- 60. The method according to Claim 56 wherein Q is methoxy.
- 61. The method according to Claim 56 wherein Q is methoxy and Ar is unsubstituted aryl or aryl substituted with halo.
- 62. The method according to Claim 56 wherein the carbon atom which is bonded to  ${\rm CH_2Q}$  is in the D configuration.
- 63. The method according to Claim 20 wherein Ar is unsubstituted aryl or aryl substituted with halo wherein the compound has the formula:

$$Ar - CH_2 - N - C - C - C - CH_3$$

$$O CH_2Q O$$

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5 and Q is lower alkoxy.

- 64. The method according to Claim 63 wherein Q is methoxy.
- 65. The method according to Claim 63 wherein Q is methoxy and Ar is unsubstituted aryl or aryl substituted with halo.
  - 66. The method according to Claim 63 wherein the carbon atom which is bonded to  ${\rm CH_2Q}$  is in the D configuration.
  - $\,$  67. The method according to Claim 63 wherein the carbon atom which is bonded to  $CH_2Q$  is in the D configuration.
  - 68. The method of Claim 35 wherein the compound is of the formula:

wherein

Ar is aryl which is unsubstituted or substituted with an electron donating or electron withdrawing group, and

Q is loweralkoxy.

69. The method according to Claim 68 wherein Ar is unsubstituted aryl or aryl substituted with halo.

- 5 70. The method according to Claim 68 wherein Q is methoxy.
  - 71. The method according to Claim 68 wherein Q is methoxy and Ar is unsubstituted aryl or aryl substituted with halo.
- 10 72. The method according to Claim 68 wherein the carbon atom which is bonded to  $\mathrm{CH}_2\mathrm{Q}$  is in the D configuration.